

Science 2005, Grade 4

Science Composite

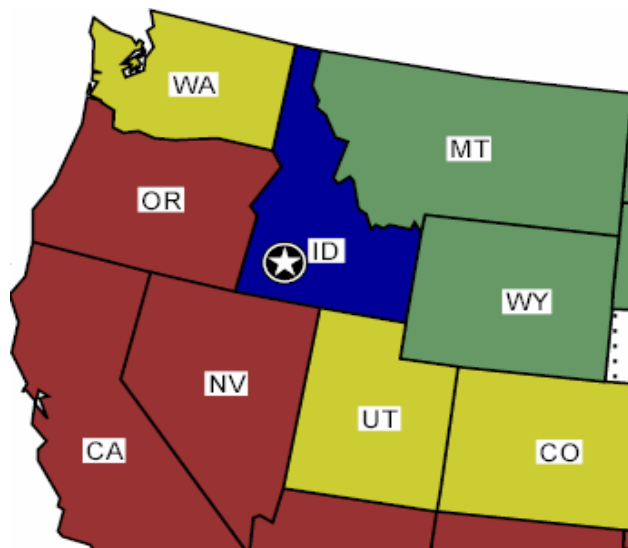


Idaho NAEP Snapshot

Volume 2005, Number 23

The science assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student knowledge and skills in the earth, physical and life sciences. Science scores in the fourth grade ranged from 0 to 300, where 138 was *Basic* (i.e., grade-level performance), 170 was *Proficient*, and 204 was *Advanced*.

Science in the Northwest (Average Scale Score)



Legend: Idaho (blue) is the focal state. States in green scored significantly higher than Idaho. States in yellow were not statistically different from Idaho. States in red scored significantly lower than Idaho.

◆ In 2005, the average science scale score for 4th grade students in Idaho was 155. This was higher than their national counterparts (149).

◆ Idaho 4th graders had a higher average scale score on science in 2005 than their peers in Oregon and Nevada.

◆ Idaho 4th graders had an average scale score on the 2005 science assessment that was not significantly different from Washington and Utah.

◆ Idaho 4th graders had a lower average scale score on science in 2005 than their peers in Montana and Wyoming.

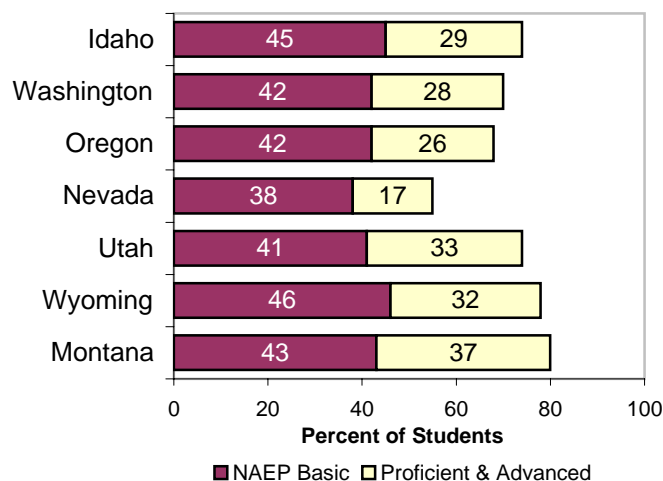
Percentage of Students at NAEP Science Achievement Levels

◆ In Idaho, 75 percent of the 4th graders scored at or above *Basic* on the 2005 science test. This was higher than the nation's 66 percent

◆ Idaho had a higher percentage of 4th graders scoring at or above *Basic* on science in 2005 than Oregon and Nevada.

◆ The percentage of Idaho 4th graders scoring at or above *Basic* on science in 2005 was not different from 4th graders in Washington, Utah, and Wyoming.

◆ Idaho had a lower percentage of 4th graders scoring at or above *Basic* on science in 2005 than



Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.